

THE HOT AIR DIFFUSER

Chapter Newsletter

MAY 2016 Volume 22 Issue 9



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MAY:

Common & Recurring Mechanical Code Violations

The May 2016 monthly Idaho ASHRAE meeting held at the Idaho Power Building. The speaker will be Tory James from the City of Boise Mechanical Inspection Department. He will be presenting a slide show of common and recurring mechanical code violations followed by a Q&A session.



Please Register online at:
www.idahoashrae.com

When:

Wednesday, May 11th, 2016
11:45am to 1:00 pm MST

Where:

Idaho Power
1221 West Idaho St.
Boise, ID

APRIL:

HVAC Industry Issues

The April 2016 monthly ASHRAE meeting took place at the Idaho ASHRAE annual Technical Conference. The lunch keynote speaker was Jim Tauby from Mason Industries who is also an ASHRAE Distinguished Lecturer. He spoke on Proper Installation Methods Using ASHRAE's "Practical Guide to Seismic Restraint"

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

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HISTORY LESSON

MAY

Five Years Ago

The chapter president was Carl Marcum. The meeting was held on May 11, 2011, at the Idaho Power Building. Dan Int-Hout, Chief Engineer for Krueger, gave a presentation on diffusers and air distribution.

Ten Years Ago

The chapter president was Bob Tikker. The meeting was held on May 12, 2006, at the Idaho Power Building. The next year's board members were selected.

Fifteen Years Ago

The chapter president was Ben Kohler. The meeting was held on May 11, 2001, at the Doubletree Riverside. Jack Rayne, Boise City, gave a presentation on the adoption of the International Codes and the changes that will occur to energy code programs in Idaho.

Twenty-Five Years Ago

The chapter president was Scott Richardson. The meeting was held on May 10, 1991, at the King's Table Restaurant. Shirl Boyce, Boise City Chamber of Commerce, spoke about the state of the local economy and what we can expect in the future.

NEWS FROM THE HOME OFFICE

House Veterans' Affairs Subcommittee Considers Bipartisan G.I. Bill STEM Extension Act

This week the US House Veterans' Affairs Subcommittee on Economic Development considered H.R.748 – the G.I. Bill STEM Extension Act, a bipartisan bill that ASHRAE supports and which would give students who use the Post-9/11 G.I. Bill the opportunity to apply for an extra nine months of benefits if they pursue a degree in the science, technology, engineering, or mathematics (STEM) fields.

“There is a strong demand for engineers – particularly in the heating, ventilating, air conditioning, and refrigeration (HVACR) industry”, said ASHRAE President David Underwood in a letter to the Subcommittee. “The G.I. Bill STEM Extension Act (H.R.748) responds to the needs of student veterans by providing extra time to these men and women who have given so much to their country, while helping to meet critical workforce needs”, continued President Underwood.

To view the current status of H.R.748, please click [here](#)

Non-Aviation Tax Provisions – Including 179D – Dropped from FAA Reauthorization Bill

The weight of renewable energy and energy efficiency tax provisions proved too much for legislation in the US Senate that would reauthorize the Federal Aviation Administration (FAA). The provisions were jettisoned following a coordinated backlash from several groups.

This was a disappointing development for proponents of a multi-year extension of the Section 179D tax deduction for energy efficient commercial and multifamily buildings, as 179D was among those provisions that would have likely been included, but was ultimately dropped. 179D supporters will now go back to the drawing board in search of alternative legislative vehicles for extension.

NTIA Seeks Public Comment on Benefits, Challenges of the Internet of Things

The National Telecommunications and Information Administration (NTIA) of the US Department of Commerce is seeking public comment on the benefits, challenges, and potential roles for the US government in fostering the advancement of the Internet of Things. Following the comment period, a paper be issued that addresses these matters.

Comments are due on or before May 23, 2016 at 5:00 p.m. Eastern. For additional information please click [here](#)

DOE Announces Funding to Support Applications for Data-Driven Energy Decision-Making in Local Governments

Administered by the US Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE), the [Cities Leading through Energy Analysis and Planning](#) (Cities-LEAP) project helps cities integrate energy analysis and data into their strategic decision-making.

Cities-LEAP has released a Funding Opportunity Announcement (FOA) to support the development and piloting of data-driven decision frameworks by local and tribal governments. As indicated by the FOA, these frameworks should advance model practices and processes that improve the ability of local and tribal governments to integrate, analyze, and understand varied datasets in order to pursue opportunities across all clean energy sectors. In order to develop these frameworks, local and tribal governments are strongly encouraged to partner with entities such as academic institutions, technology companies, utilities, regional planning bodies, and non-governmental organizations.

Successful applications will include or aim to produce strong evidence that proposed model practices and processes can:

- Increase the ability of local or tribal governments to make data-driven decisions regarding actions under their authority that affect energy intensity or energy-related greenhouse gas (GHG) emissions at a reasonable cost; and
- Identify and support implementation of local or tribal government actions that can lead to significant and quantifiable reductions in community-wide energy intensity or energy-related GHG emissions.

Applicants are also encouraged to propose energy-related metrics beyond the primary GHG emissions and energy intensity metrics (e.g., air quality, climate change adaptation, quality of life indicators). While this FOA focuses on energy-related actions, other ancillary benefits may be necessary to stimulate action and may even serve as the stronger motivating factor for communities.

The submission deadline for concept papers is May 17, 2016, at 5:00 p.m. EDT. Full applications are due June 23, 2016, at 5:00 p.m. EDT. For more information and to submit an application, please click [here](#) .

NEWS FROM THE HOME OFFICE CONTINUED...

Utah House Bill 316 Updates State Energy Code

Utah House Bill 316, Building Code Review and Adoption Amendments, was passed and signed into law during the waning hours of the 2016 legislative session. The legislation adopts the 2015 International Energy Conservation Code, along with the most recent versions of the International Building Code, International Residential Code, International Plumbing Code, the International Mechanical Code, and several others. Though the residential code cycle has been changed from a three-year cycle to a six-year cycle, an opportunity is provided in the legislation to make annual amendments. Additionally, a new requirement will be implemented that will require a cost-benefit analysis for future residential codes.

To view the bill in its entirety, please click [here](#).

California PUC Publishes HVAC3 CQM Programs Final Report

The California Public Utilities Commission (PUC) recently released the Impact Evaluation of 2013-14 HVAC3 Commercial Quality Maintenance Programs, which focuses in part on HVAC systems and related HVAC tune-up programs. The report, published on April 1, is created by the California PUC in cooperation with the California Energy Commission. They have proposed an energy efficiency strategy within the California Long-Term Energy Efficiency Strategic Plan to ensure that HVAC energy performance is optimal for California's climate.

To read the report in its entirety, please click [here](#) and then, in the box entitled "Search Text (exact match)" on the left hand side of the webpage type "HVAC3 commercial quality maintenance", then press the Search button in order to access the download button.

Energy Efficiency Legislation Advances in Illinois State Senate

The Illinois Senate Government and Veterans Affairs Committee has advanced Senate Bill 2803, which would maintain long-standing energy efficiency programs that are in jeopardy due to the State's inability to adopt a budget by funding the State's Public and Low-Income Energy Efficiency Program. This bill, if enacted, authorizes the State Department of Commerce and Economic Opportunity to adopt any rules necessary and prescribe procedures in order to allow, after De-

partment approval of an executed rebate agreement, grant, or contract for energy efficiency measures, that dollars to cover those costs be paid directly from the utility to applicants determined in compliance with Department standards. To view the bill, please click [here](#)

ASHRAE Revises Commissioning Certification to Meet DOE Guidelines

ATLANTA – Revised requirements for ASHRAE's certification program will provide earners with recognition by United States government agencies for contracts requiring commissioning services.

Due to take effect Sept. 15, 2016, ASHRAE's commissioning certification program will validate competency against the Better Buildings Workforce Guidelines scheme requirements for the Building Commissioning Professional set forth by the National Institute of Building Sciences (NIBS) Commercial Workforce Credentialing Council (CWCC). The goal is to achieve U.S. Department of Energy (DOE) recognition by the summer of 2017 of services provided by these certificants. The ASHRAE certification will be known as the Building Commissioning Professional (BCxP).

Current ASHRAE certified Commissioning Process Management Professionals (CPMPS) will be able to renew against these new scheme requirements beginning in 2017. Those who do so will earn the ASHRAE BCxP certification designation valid for three years.

"This update will not only help ensure the continued validity and relevance of ASHRAE's commissioning certification but also add value," ASHRAE President David Underwood, who holds an ASHRAE commissioning certification, said. "DOE recognition of ASHRAE's commissioning certificate will help ensure quality services are provided by these professionals as well as increase consumer confidence in the service provided and ultimately ensure the quality and performance of buildings."

ASHRAE had a role in developing the Guidelines through its participation on the Board of Advisors for the NIBS' CWCC. The CWCC works to establish voluntary national guidelines to improve the quality and consistency of commercial building workforce credentials.

The purpose of the Better Buildings Workforce Guidelines is to reduce the confusion and uncertainty around workforce credentialing, lower costs, and support better credentials, better workers and better buildings. The Guidelines set an industry-validated Job Task Analysis (JTA) for each of four, key energy-related jobs, building energy auditor, building commissioning professional, building operations professional and energy manager, as certification schemes and learning objectives for training programs.

ADVERTISEMENTS

Online Advertising!!

Get your business card posted on

www.idahoashrae.com

*renewals are due now

Annual Business Card Ad on Website: **\$50**



Professional Development Hours

Professional Development Hours are now available at
ASHRAE monthly meetings!



ATTENTION: ASHRAE MEMBERS
The Chapter is now accepting advertisements
in the monthly newsletter.
Sponsorship Rates are as follows:

	Per Issue	Annual (9 issues)
Business Card	\$10.00	\$50.00
Quarter Page	\$25.00	\$200.00
Half Page	\$40.00	\$325.00
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Simple Advertisements Available For FREE!!

EXAMPLE:

Engineering Company-Mechanical Engineer I Position now open
Visit: www.engineeringcompany.com/.careers for more information

- For quarter, half, or full page job advertisements see above for pricing

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Interested in becoming more involved with your local ASHRAE Chapter? Positions will be opening up soon!

Please contact Russell Pratt @ russell.pratt@cshqa.com for more information.



